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OM nucleic - nucleic search, using sw model

Run on: November 8, 2001, 12:59:21 : Search time 101.15 Seconds

(without alignments)
13812.583 Million cell updates/sec

Title: US-09-227-881-3

Perfect score: 6169
Sequence: 1 atctgttcagtttactc.....ctgtgccttcacatcagtcag 6169

Scoring table: OLIGO_MUC
Gapop 60.0 , Gapext 60.0

Searched: 351203 seqs, 113238999 residues

Word size : 8

Total number of hits satisfying chosen parameters: 540559

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Issued_Patents_NA:*

- 1: /cgn2_6/pdata2/1na/5A_COMB.seq:*
- 2: /cgn2_6/pdata2/1na/5A_COMB.seq:*
- 3: /cgn2_6/pdata2/1na/6A_COMB.seq:*
- 4: /cgn2_6/pdata2/1na/6B_COMB.seq:*
- 5: /cgn2_6/pdata2/1na/6C_COMB.seq:*
- 6: /cgn2_6/pdata2/1na/6D_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	6169	100.0	6169	4	US-08-938-669A-3	Sequence 3, Appl
2	5008	81.2	5300	4	US-08-938-669A-1	Sequence 1, Appl
3	4476	72.6	5304	4	US-08-938-669A-2	Sequence 2, Appl
4	640	10.4	1548	4	US-08-938-669A-26	Sequence 26, Appl
5	640	10.4	1999	2	US-08-645-900A-2	Sequence 2, Appl
6	640	10.4	1999	2	US-08-882-238A-2	Sequence 2, Appl
7	640	10.4	1999	2	US-08-667-790A-2	Sequence 2, Appl
8	640	10.4	1999	3	US-09-220-459-2	Sequence 2, Appl
9	640	10.4	1999	4	US-08-546-568B-2	Sequence 2, Appl
10	604	9.8	1512	2	US-08-645-900A-3	Sequence 3, Appl
11	604	9.8	1512	2	US-08-882-238A-3	Sequence 3, Appl
12	604	9.8	1512	2	US-08-667-790A-3	Sequence 3, Appl
13	604	9.8	1512	3	US-09-220-459-3	Sequence 3, Appl
14	604	9.8	1512	4	US-08-546-568B-3	Sequence 3, Appl
15	599	9.7	2166	4	US-08-822-999-1	Sequence 1, Appl
16	553	9.0	1512	4	US-08-822-999-2	Sequence 2, Appl
17	538	8.7	1985	2	US-08-791-347-1	Sequence 1, Appl
18	527	8.5	1509	2	US-08-791-347-2	Sequence 2, Appl
19	366	5.9	1968	5	PCT-US95-14024-2	Sequence 2, Appl
20	366	5.9	1969	1	US-08-336-235A-2	Sequence 2, Appl
21	366	5.9	1969	1	US-08-649-432-2	Sequence 2, Appl
22	330	5.3	1491	1	US-08-336-235A-3	Sequence 3, Appl
23	330	5.3	1491	1	US-08-649-432-3	Sequence 3, Appl
24	330	5.3	1491	5	PCT-US95-14024-3	Sequence 3, Appl
25	88	1.4	642	4	US-08-822-999-9	Sequence 9, Appl
26	88	1.4	643	2	US-08-791-347-15	Sequence 15, Appl
27	43	0.7	2900	3	US-09-038-832-1	Sequence 1, Appl

28	43	0.7	35100	1	US-08-306-691B-19	Sequence 19, Appl
29	43	0.7	35100	5	PCT-US93-06251-19	Sequence 19, Appl
30	42	0.7	2882	1	US-08-133-629-8	Sequence 8, Appl
31	41	0.7	1400	4	US-09-018-584A-35	Sequence 35, Appl
32	41	0.7	4183	4	US-09-460-145-1	Sequence 1, Appl
33	39	0.6	18596	4	US-09-318-448-11	Sequence 11, Appl
34	38	0.6	7210	2	US-08-257-963B-10	Sequence 10, Appl
35	38	0.6	7210	5	PCT-US95-07201-10	Sequence 10, Appl
36	38	0.6	22481	5	PCT-US95-07201-43	Sequence 43, Appl
37	37	0.6	19011	1	US-08-310-356-36	Sequence 36, Appl
38	37	0.6	19557	5	PCT-US92-06300-1	Sequence 1, Appl
39	37	0.6	22846	2	US-08-469-461-3	Sequence 3, Appl
40	37	0.6	22846	3	US-07-890-609-3	Sequence 3, Appl
41	36	0.6	2713	2	US-08-916-901-6	Sequence 6, Appl
42	36	0.6	2713	4	US-09-154-602-6	Sequence 6, Appl
43	36	0.6	36741	4	US-09-301-665-3	Sequence 3, Appl
44	36	0.6	246240	2	US-08-724-394A-20	Sequence 20, Appl
45	36	0.6	246240	2	US-08-724-394A-21	Sequence 21, Appl

ALIGNMENTS

RESULT 1
US-08-938-669A-3
; Sequence 3, Application US/08938669A
; Patent No. 6171788
; GENERAL INFORMATION:
; APPLICANT: Nguyen, Thai D.
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS,
; TITLE OF INVENTION: PROGNOSIS AND TREATMENT OF GLAUCOMA AND
; TITLE OF INVENTION: RELATED DISEASES
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Howrey & Simon
; STREET: 1299 Pennsylvania Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20004-2402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/938, 669A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/791,154
; FILING DATE: 28-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mendelson, Elliot
; REGISTRATION NUMBER: P-42, 878
; REFERENCE/DOCKET NUMBER: 07425-0034
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 383-6857
; TELEFAX: 202 383-6610
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6169 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-938-669A-3
Query Match 100.0%; Score 6169; DB 4; Length 6169;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 6169; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Oy 4021 agttggaatatctacttcaacaaatgacatgacatgctgctgataaacaataaagt 4080
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QY	5581	gcttagagcctbgaagccacaaagctcgaatcagctcccttgaaagcctctccacac	5640
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RESULT 2			
US-08-938-669A-1			
: Sequence 1, Application US/08938669A			
: Patent No. 6171786			
: GENERAL INFORMATION:			
: APPLICANT: Nguyen, Thai D.			
: APPLICANT: Polansky, Jon R.			
: TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS,			
: TITLE OF INVENTION: PROGNOSIS AND TREATMENT OF GLAUCOMA AND			
: TITLE OF INVENTION: RELATED DISEASES			
: NUMBER OF SEQUENCES: 32			
: CORRESPONDENCE ADDRESS:			
: ADDRESSEE: Howrey & Simon			
: STREET: 1299 Pennsylvania Avenue, N.W.			
: CITY: Washington			
: STATE: DC			
: COUNTRY: USA			
: ZIP: 20004-2402			
: COMPUTER READABLE FORM:			
: MEDIUM TYPE: Diskette			
: COMPUTER: IBM Compatible			
: OPERATING SYSTEM: DOS			
: SOFTWARE: FASTSEQ for Windows Version 2.0			
: CURRENT APPLICATION DATA:			

QY 1801 ttccatttgggggccaatctgtgtgtgtataggggaagggaatccaccagaagactcct 1860
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[illegible]

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RESULT 3
US-08-938-669A-2
; Sequence 2, Application US/08938669A
; Patent No. 6171788
;
GENERAL INFORMATION:
;
APPLICANT: Nguyen, Thai D.
APPLICANT: Polansky, Jon R.
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS,
TITLE OF INVENTION: PROGNOSIS AND TREATMENT OF GLAUCOMA AND
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Howrey & Simon
STREET: 1299 Pennsylvania Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20004-2402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/938, 669A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/791,154
FILING DATE: 28-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mendelson, Elliott
REGISTRATION NUMBER: P-42, 878
REFERENCE/DOCKET NUMBER: 07425-0034
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202 383-6857
TELEFAX: 202 383-6610
TELEX:
INFORMATION FOR SEQ. ID NO. 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 5304 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-938-669A-2

Query Match      72.6%; Score 4476; DB 4; Length 5304;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 5016; Conservative 0; Mismatches 6; Indels 2; Gaps 2;
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Oy	3301	gtagctcttgcctgagcattcaaaacatgggcccagagcaagtgagaaatgccaagactg	3360
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Oy	3901	taaacaaacaccagctgtgaaatgtctcaagttcaggtctcaactcagcagaaacaaatca	3959
Db	3901	TAAACAAACACCAGCTTTTAAATGCTCAAGTTCAGGCTTAACTGCACAAACAAATCAAT	3959
Oy	3960	aagaaataaactcttgaagcagaactgctgtctccacaactcggaggtgagctcgcagag	4019
Db	3961	AAGAAATACAAATCTTTAGCAAACTGTGTTCTCCAC-TGAGAGGTAGTGTGCCAGG	4019
Oy	4020	cagtttggaatatcttacttcaagaagtaatgaacactgtgtgtglatataacaacaataag	4079
Db	4020	CAGTTTGGAAATATTTACTTCACAAGTATGACACTGTGTTGGTATTAACACATTAAG	4079
Oy	4080	ttgctcaaggaacatcattatccaagtgccttaagttactctcgacagttctgagata	4139
Db	4080	TTGCTCAAGGCAATCAATTAATTCAAAGTGGCTTAAAGTTACTTTCGACAGTTTGGTATA	4139
Oy	4140	tttatggcctatggcatttcttcttcttcttcttcttcttcttcttcttcttcttcttct	4199
Db	4140	TTTATTTGCTATGCTATGCTATGCTATGCTATGCTATGCTATGCTATGCTATGCTATG	4199
Oy	4200	gggattatcaaccccaagtcagaaagcctgtgaattcgaatgaggaagaaatacaatctc	4259
Db	4200	GGGATTTATTAACCTTCACTCCAGAAAGCTGTGAATTTGAATGAGGAATAATTAACGTTT	4259
Oy	4260	ttgttttcaacaccttcaactaaatlttaacatlttcaatcttgagaaatagagcatala	4319
Db	4260	TTATTTTACCAACCTTCACTAAATTTAAATTTAAATTTTATTCATTTGCAATGAGCCATAA	4319
Oy	4320	actcaagtggtataaacaagtaacgctgtaatttgcattatcaataagaatacaagagat	4379
Db	4320	ACTCAAAAGTGTAAATTAAGATGCTGTATTTTGTGATTTACCAATTAAGAAATCACAGCAT	4379
Oy	4380	tttaatacataatcaagctgtgtcagatacagcttgtaagtgaaataataataactcaaaact	4439
Db	4380	TTTATACATATTTACAGTGTGTCAGAGTGTGTAAGTGAATAATTTATTTACTCAAAACT	4439

OY	4440	aacttgcgaataatgagccctcgcgtcgaggacbtctgtttttaacaabcttaataaaacagtlttaa	4499
Db	4440	ACTTTGAAATTAGACCTCCGCGTGGANTCTGTTTTAACATATTATAAACAATGTTTTAA	4499
OY	4500	aatttgatbatlcttgataaatcaatcatlcbatlcaatclgttlcttccttgguaalctalaatl	4559
Db	4500	AATTTTGATATTTTGGAAMAATCAATATTTCATATTATCATTTGGTTCCTTTGAATCATATATT	4559
OY	4560	catalatlcgaaaacacatccttctcgagaabaagttccccagaattcacbaaagaagtlctlg	4619
Db	4560	TATATATTGAAAACACATCTTTTCTGCAGAGAGTTCCCCAGATTTTCCACCAATGAGGTTCTTG	4619
OY	4620	gcaltgcacaacacacagaglaagaactgatltagaaggtlacaalctgacaltggtlccgtgag	4679
Db	4620	GCAATGCACACACACAGAGTAAGAATCATTTTAGAGCTAACATTCATTCATTCGTGCTGAG	4679
OY	4680	atgcagagactgcgaatatgagaagtctcccagaagatabcacagttgtlcttaaaagctagggtc	4739
Db	4680	ATGCAGAGCTGGAATTTAGAAAGTTTCGCCAAGAATACACAGTTGTTTTAAAGCTAAGGGGT	4739
OY	4740	gaaggggggaataactcgcgcgtctcatabgaaatgcctcccttgagagcctlgtaggggtcgt	4799
Db	4740	GAGGGGGGAATCGCCGCTTCTATAGAAATGCTCCTCCCTGAGGCTGTGATGGGTGCTGT	4799
OY	4800	ccctgtgtcttgtcgtgcgtctlatllctctcgtccctgctaagctcttaaaagacttgtt	4859
Db	4800	CCTGTGTCTTGCGTGCGTGCCTGTATATTTTCTCTGTCCCTGCTACGCTTAAAGGACTTGT	4859
OY	4860	tgcgaatcccaagtlcttcagaaatagtgacctgcgcagagtgacaggtctccaatggattgcaga	4919
Db	4860	TGGATCTCCAGTTCTCTAGCATATGCTGCTGGCACAGTGCAGGTTCTCAATGTAGTTGCAGA	4919
OY	4920	gtgaaatgcgaataatbaaacctagaataatalcctctgttgaatcaagcacaccagtagtccgt	4979
Db	4920	GTGAAATGGAATAATAACTAGAAATATATCTTTGTTGAATCAGCACACAGTAGTGCCTG	4979
OY	4980	gtgcgaagtgtgttaagtggt	5023
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RESULT 4			
US-08-938-669A-26			
Sequence No. 6171788			
Patent No. 6171788			
GENERAL INFORMATION:			
APPLICANT: Nguyen, Thai D.			
APPLICANT: Polansky, Jon R.			
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS,			
PROGNOSIS AND TREATMENT OF GLAUCOMA AND			
TITLE OF INVENTION: RELATED DISEASES			
NUMBER OF SEQUENCES: 32			
CORRESPONDENCE ADDRESS:			
ADDRESSEE: Howrey & Simon			
STREET: 1299 Pennsylvania Avenue, N.W.			
CITY: Washington			
STATE: DC			
COUNTRY: USA			
ZIP: 20004-2402			
COMPUTER READABLE FORM:			
MEDIUM TYPE: Diskette			
COMPUTER: IBM Compatible			
OPERATING SYSTEM: DOS			
SOFTWARE: FASTSEQ for windows Version 2.0			
CURRENT APPLICATION DATA:			
APPLICATION NUMBER: US/08/938,669A			
FILING DATE:			
CLASSIFICATION: 435			
PRIOR APPLICATION DATA:			
APPLICATION NUMBER: 08/791,154			
FILING DATE: 28-JAN-1997			
ATTORNEY/AGENT INFORMATION:			

```

? NAME: Mendelson, Elliot
? REGISTRATION NUMBER: P-42,878
? REFERENCE/DOCKET NUMBER: 07425-0034
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 202 383-6857
? TELEFAX: 202 383-6610
?
? TELEX:
?
? INFORMATION FOR SEQ ID NO: 26:
?
? SEQUENCE CHARACTERISTICS:
? LENGTH: 1548 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
?
? MOLECULE TYPE: cDNA
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?
US-08-938-669A-26

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Query Match	10.4%;	Score 640;	DB 4;	Length 1548;
Best Local Similarity	100.0%;	Pred. No. 6.1e-286;		
Matches 640;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

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Db	61	TGCAGCTTTGGGCGCTTGAGATGCCAGGCTGCACCTGCTCTTCTGGCCGCTCGGTGTGG	120
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Db	121	GATGTGGGGGCGCAGAGACAGCTCAGCTCAGGAAAGCCAAATGACAGAGTGGCCGATGGCAG	180
OY	5481	tataccttcaagcttgctgcacagctcccaatgtaatccagctgtgcagctgcagagcaagacagccta	5540
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OY	5541	tcaagtcacataaactctacagagagacagcagcaccaaagcttgaacctgtgagagccacc	5600
Db	241	TCACTACATCCATTACTTACAGAGAGACAGACGCCAACCAGCTTATGACTGTGAGGSCACC	300
OY	5601	aaagctgagctcagctctccctggagagcctccctccaccaattgaaccttggaccagagctgc	5660
Db	301	AAACCTCGACCTACACTCTCCCTGGAGAGCTCTCTCCACCAATTGACCTTGACCAAGCTCTCC	360
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OY	5721	gaaccagcttgaaaccaaccaaccagagagcttggagactgtcctacagcaacctctccagagac	5780
Db	421	GACCAGCTGGGAACCCAAACACAGAGAGTTGGAGACCTCTTACAGCAACCTCTCTCCGAGAC	480
OY	5781	aagctcaatctctggagagagagaagaagagcactaaggcaagaanaatrgaagatctctggcagg	5840
Db	481	AAGTCAGCTTCTGGGAGAGAGAAAGACGACTTAGGCAAGAAATAATGAGATCTTGGCCAGG	540
OY	5841	aggtcttgaaagcagcagccagagagctagcaagcctbagaagaagggcagctgtctcccaagcc	5900
Db	541	AGGTTGGAAGACAGCACCCAGAGAGTATGCAAGGCTGTAGAAGGGGCCAATGTCTCCAGAC	600
OY	5901	cgagacacgtctcgagctgtgcaccagagctccagagaag	5940
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RESULT 5
US-08-645-900A-2
: Sequence 2, Application US/08645900A
: Patent No. 5849879
: GENERAL INFORMATION:
: APPLICANT: NGUYEN, THAI D.
: APPLICANT: POLANSKY, JON R.

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? APPLICANT: HUANG, WEIDONG
? TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF
? TITLE OF INVENTION: GLAUCOMA
? NUMBER OF SEQUENCES: 3
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: HOWREY & SIMON
? STREET: 1299 PENNSYLVANIA AVE., N.W.
? CITY: WASHINGTON
? STATE: D.C.
? COUNTRY: US
? ZIP: 20004
?
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: PatentIn Release #1.0, Version #1.25
?
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/645,900A
? FILING DATE: 14 MAY 1996
? CLASSIFICATION: 530
? ATTORNEY/AGENT INFORMATION:
? NAME: MARSH, DAVID
? REGISTRATION NUMBER: 41,408
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (202) 383-7451
? TELEFAX: (202) 383-6610
? INFORMATION FOR SEQ ID NO: 2:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 1999 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: cDNA
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? US-08-645-900A-2

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Query Match          10.4%: Score 640; DB 2; Length 1999;
Best Local Similarity 100.0%; Pred. No. 6.1e-286;
Matches 640; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 tgcagcttggcctgagatgcagagcagctgctgctgctgctgctgctgctg 120
QY 5421 gatgtggggcagagagcagctcagctcagaggaagcgaatgagtgccag 5480
DB 121 gatgtggggcagagagcagctcagctcagaggaagcgaatgagtgccag 180
QY 5481 tatacctcagctgtgcagctcccaatgaaatcagctgtccagagcagagccatg 5540
DB 181 tatacctcagctgtgcagctcccaatgaaatcagctgtccagagcagagccatg 240
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DB 301 aaagctcgaactcagctcctgagagagcctcctcaaccaatgagccttgagcagagc 360
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DB 421 gacagcctgggaaacccaaacagagagcttgagagctgctcctcaacacacacac 480
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QY 5841 agcttgaaagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 5900
DB 541 agcttgaaagcagcagcagcagcagcagcagcagcagcagcagcagcagcagc 600
QY 5901 cgaagcagctgctgagcctgctgctcagcagcagcagcagcagcagcagcagc 5940
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RESULT
US-08-882-238A-2
? Sequence 2, Application US/08882238A
? Patent No. 5854415
? GENERAL INFORMATION:
? APPLICANT: NGUYEN, THAI D.
? APPLICANT: POLANSKY, JON R.
? APPLICANT: HUANG, WEIDONG
? TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF
? TITLE OF INVENTION: GLAUCOMA
? NUMBER OF SEQUENCES: 3
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: HOWREY & SIMON
? STREET: 1299 PENNSYLVANIA AVE., N.W.
? CITY: WASHINGTON
? STATE: D.C.
? COUNTRY: US
? ZIP: 20004
?
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: PatentIn Release #1.0, Version #1.25
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/882,238A
? FILING DATE: 25 JUNE 1997
? CLASSIFICATION: 435
? ATTORNEY/AGENT INFORMATION:
? NAME: MARSH, DAVID
? REGISTRATION NUMBER: 41,408
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (202) 383-7451
? TELEFAX: (202) 383-6610
? INFORMATION FOR SEQ ID NO: 2:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 1999 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: cDNA
?
? US-08-882-238A-2

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Query Match          10.4%: Score 640; DB 2; Length 1999;
Best Local Similarity 100.0%; Pred. No. 6.1e-286;
Matches 640; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 tgcagcttggcctgagatgcagagcagctgctgctgctgctgctgctgctg 120
QY 5421 gatgtggggcagagagcagctcagctcagaggaagcgaatgagtgccag 5480
DB 121 gatgtggggcagagagcagctcagctcagaggaagcgaatgagtgccag 180
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Db 241 TCAGTCACTCATTAACCTACAGAGAGACAGACGCCAACGCTTAGACCTGAGAGGCCACC 300
QY 5601 aaagctcgaactcagctccctcgagagagcctccccaattgacctgagaccagctgcc 5660
Db 301 AAAGCTCGACTGAGCTCCCTGAGAGAGCTCTCCACCAATGACCTTGACACGAGGCTGCC 360
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RESULT 7
US-08-667-790A-2
; Sequence 2, Application US/08667790A
; Patent No. 5861497
; GENERAL INFORMATION:
; APPLICANT: NGUYEN, THAI D.
; APPLICANT: POLANSKY, JON R.
; APPLICANT: HUANG, WEIDONG
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF
; TITLE OF INVENTION: GLAUCOMA
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVE., N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/667,790A
; FILING DATE: 21 JUNE 1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: MARSH, DAVID
; REGISTRATION NUMBER: 41,408
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1999 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-667-790A-2

Query Match 10.4%; Score 640; DB 2; Length 1999;
Best Local Similarity 100.0%; Pred. No. 6,1e+286;
Matches 640; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 61 TGCAGCTTTGAGGCTTGAGATGCCAGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 120
QY 5421 gatctgagggccagagacagctcagctcagagagagcgaatgacagagctgagcagatgcag 5480
Db 121 GATGTGGGGCCAGAGACAGCTCAGCTCAGAGAGGCCAATGACAGATGAGGCGCATGCCAG 180
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Db 181 TATACCTTCACTGTGGCAGTCCCAATGAATCCAGCTGCCAGAGGAGGAGGAGGAGGAGG 240
QY 5541 tcagtcatacctaactacacagagagagcagcagcagcagcagcagcagcagcagcagcagc 5600
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QY 5601 aaagctcgaactcagctccctcgagagagcctccccaattgacacttggaccagcagctgcc 5660
Db 301 AAAGCTCGACTGAGCTCCCTGAGAGAGCTCTCCACCAATGACCTTGAGACAGGCTGCC 360
QY 5661 agggcccaagagagacccagagagagcctgacagagagagcagcagcagcagcagcagcagc 5720
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QY 5721 gaccagctggaaccccaacacagagagctgagagactgctaccagcaacccctccctcgagac 5780
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Db 481 AAGTCAGCTTGTGAGAGAGAGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 540
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RESULT 8
US-09-220-459-2
; Sequence 2, Application US/09220459
; Patent No. 6150161
; GENERAL INFORMATION:
; APPLICANT: Nguyen, Thai D
; APPLICANT: Polansky, Jon R
; APPLICANT: Huang, Weidong
; TITLE OF INVENTION: Methods for the Diagnosis of Glaucoma
; FILE REFERENCE: 07425.0056
; CURRENT APPLICATION NUMBER: US/09/220,459
; CURRENT FILING DATE: 1998-12-24
; EARLIER APPLICATION NUMBER: 08/882,238
; EARLIER FILING DATE: 1997-06-25
; EARLIER APPLICATION NUMBER: 08/649,432
; EARLIER FILING DATE: 1996-05-17
; EARLIER APPLICATION NUMBER: 08/546,568
; EARLIER FILING DATE: 1995-10-20
; EARLIER APPLICATION NUMBER: 08/336,235
; EARLIER FILING DATE: 1994-11-03
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2

LENGTH: 1999
TYPE: DNA
ORGANISM: Homo sapiens
US-09-220-459-2

Query Match 10.4% Score 640; DB 3; Length 1999;
Best Local Similarity 100.0%; Pred. No. 6,1e-286;
Matches 640; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5301 agagcttccagaggaagcctccacaaagcctctgcaatgaaggttctctgtgcaagctgac 5360
DB 1 agagcttccagaggaagcctccacaaagcctctgcaatgaaggttctctgtgcaagctgac 60
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OY 5781 aagtcagctcgtggaagagagagagcgaactcaagcaagaatgagaatctggccagag 5840
DB 481 aagtcagctcgtggaagagagagagcgaactcaagcaagaatgagaatctggccagag 540
OY 5841 aggtctggaagcagcagcagcagagagtgagcaagctgagaaagggccagctgctccagacc 5900
DB 541 aggtctggaagcagcagcagcagagagtgagcaagctgagaaagggccagctgctccagacc 600
OY 5901 cgagacactgctgggctgtgctccacagagctccagagaag 5940
DB 601 cgagacactgctgggctgtgctccacagagctccagagaag 640

RESULT 9
US-08-546-568B-2
Sequence 2, Application US/08546568B

Patent No. 6248867
GENERAL INFORMATION:
APPLICANT: NGUYEN, THAI D.
APPLICANT: POLANSKY, JON R.
APPLICANT: HUANG, WEIDONG
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVE., N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/546,568B
FILING DATE: 20 October 1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MARSH, DAVID
REGISTRATION NUMBER: 41,408
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1999 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-546-568B-2

Query Match 10.4% Score 640; DB 4; Length 1999;
Best Local Similarity 100.0%; Pred. No. 6,1e-286;
Matches 640; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5301 agagcttccagaggaagcctccacaaagcctctgcaatgaaggttctctgtgcaagctgac 5360
DB 1 agagcttccagaggaagcctccacaaagcctctgcaatgaaggttctctgtgcaagctgac 60
OY 5361 tgcagcttgggctcgaagatgcacagctgctccagctgctgctgctgctgctgctgctgctg 5420
DB 61 tgcagcttgggctcgaagatgcacagctgctccagctgctgctgctgctgctgctgctgctg 120
OY 5421 gatgtggggccagagacagctcagctcaggaagccaatgaccagagatggccgagtcag 5480
DB 121 gatgtggggccagagacagctcagctcaggaagccaatgaccagagatggccgagtcag 180
OY 5481 tatacctcagtgctgagcagctcccaatgaatccagctgctccagagcagagccagtcag 5540
DB 181 tatacctcagtgctgagcagctcccaatgaatccagctgctccagagcagagccagtcag 240
OY 5541 tcagtcacatcaatcaatcaagagagacagcagcaccacacgcttgaacctgagagccagc 5600
DB 241 tcagtcacatcaatcaatcaagagagacagcagcaccacacgcttgaacctgagagccagc 300
OY 5601 aaagctcagctcagctcctctgagagcctcctccacaaatgaaacttgaccagagctgac 5660
DB 301 aaagctcagctcagctcctctgagagcctcctccacaaatgaaacttgaccagagctgac 360
OY 5661 aggccccaagagacccagagagggctgacagaggaagctgagcaccctgagcggagccgg 5720
DB 361 aggccccaagagacccagagagggctgacagaggaagctgagcaccctgagcggagccgg 420
OY 5721 gaccagctggaacccaaacagagaagctggaagactgcttaagaaactctctccgagac 5780
DB 421 gaccagctggaacccaaacagagaagctggaagactgcttaagaaactctctccgagac 480
OY 5781 aagtcagctcgtggaagagagagagcgaactcaagcaagaatgagaatctggccagag 5840
DB 481 aagtcagctcgtggaagagagagagcgaactcaagcaagaatgagaatctggccagag 540
OY 5841 aggtctggaagcagcagcagcagagagtgagcaagctgagaaagggccagctgctccagacc 5900
DB 541 aggtctggaagcagcagcagcagagagtgagcaagctgagaaagggccagctgctccagacc 600
OY 5901 cgagacactgctgggctgtgctccacagagctccagagaag 5940
DB 601 cgagacactgctgggctgtgctccacagagctccagagaag 640

RESULT 10
US-08-645-900A-3
Sequence 3, Application US/08645900A
Patent No. 5849879
GENERAL INFORMATION:
APPLICANT: NGUYEN, THAI D.
APPLICANT: POLANSKY, JON R.
APPLICANT: HUANG, WEIDONG
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF
TITLE OF INVENTION: GLAUCOMA
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVE., N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/645,900A
FILING DATE: 14 MAY 1996
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: MARSH, DAVID
REGISTRATION NUMBER: 41,408
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1512 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-645-900A-3

Query Match 9.8%; Score 604; DB 2; Length 1512;
Best Local Similarity 100.0%; Pred. No. 2.6e-269;
Matches 604; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5337 atgaggtctctctgtagcagcttgctcagcttgagccctgaagatgacagctgctcagctg 5396
DB 1 ATGAGGTTCTTCTGTGTCAGCTTGCTGCTGAGCTTGAGATGCGAGCTGTCACGCTG 60
QY 5397 ctgctctgagcctgagcctgagctgagctgagctgagcagctcagctcagcagaagcc 5456
DB 61 CTGCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 120
QY 5457 aatgaccagagtgagcagctgagctcagctcagctcagctcagctcagctcagctcagc 5516
DB 121 AATGACCAAGTGGCGCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 180
QY 5517 tggccagagcagagcagcagctcagctcagctcagctcagctcagctcagctcagcagc 5576
DB 181 TGCCCAAG 240
QY 5577 caacgctctgagcctgagcctgagcctgagcctgagcctgagcctgagcctgagcctgagc 5636
DB 241 CAAGGCTTAAACCTGAGGAG 300
QY 5637 caatgacacttgagcagcagctgagcagcagcagcagcagcagcagcagcagcagcagcag 5696
DB 301 CAATGACCTTGGAGCAGAGGCTGCGAGGCGCCAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360
QY 5697 ctgggcaacctgagcgagcgagcagcagcagcagcagcagcagcagcagcagcagcagcag 5756

DB 361 CTGGGACACCTGAGGCGGAGCGGAGCAGCTGGAACCCAAACAGAGAGTTGAGACT 420
QY 5757 gcttacagcaacccctcccgagacagctcagcttgaggagaagagagcagcagcagcagcagc 5816
DB 421 GCTTACAGCAACCTCTCTCCGAGCAAGTCAAGTGTGAGAGAGAGAGAGAGAGAGAGAGAG 480
QY 5817 caagaaatgagaaatctgagcagcagcagcagcagcagcagcagcagcagcagcagcagc 5876
DB 481 CAAGAAATGAGATCTGCGCAG 540
QY 5877 agaaagggcagcagctgctccagcagcagcagcagcagcagcagcagcagcagcagcagc 5936
DB 541 AGAAGGGGCGAGTGTCCGAG 600
QY 5937 gaag 5940
DB 601 GAAG 604

RESULT 11
US-08-882-238A-3
Sequence 3, Application US/08882238A
Patent No. 5834415
GENERAL INFORMATION:
APPLICANT: NGUYEN, THAI D.
APPLICANT: POLANSKY, JON R.
APPLICANT: HUANG, WEIDONG
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF
TITLE OF INVENTION: GLAUCOMA
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVE., N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: US
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/882,238A
FILING DATE: 25 JUNE 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MARSH, DAVID
REGISTRATION NUMBER: 41,408
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1512 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-882-238A-3

Query Match 9.8%; Score 604; DB 2; Length 1512;
Best Local Similarity 100.0%; Pred. No. 2.6e-269;
Matches 604; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5337 atgaggtctctctgtagcagcttgctcagcttgagccctgaagatgacagctgctcagctg 5396
DB 1 ATGAGGTTCTTCTGTGTCAGCTTGCTGCTGAGCTTGAGATGCGAGCTGTCACGCTG 60
QY 5397 ctgctctgagcctgagcctgagctgagctgagctgagcagctcagctcagcagaagcc 5456

Oy	5877	agaagggggccagctgtccccgaaccgagacatgtctcgggctgtgcacacagagctccaga	5936
Db	541	AGAGGGGGCCAGCTGTCCCCGACCCGACGACACTGCTGGGCTGTGCCACAGGCTCCAGA	600
Oy	5937	gaag	5940
Db	601	GAAG	604

Fri Nov 9 08:40:37 2001

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